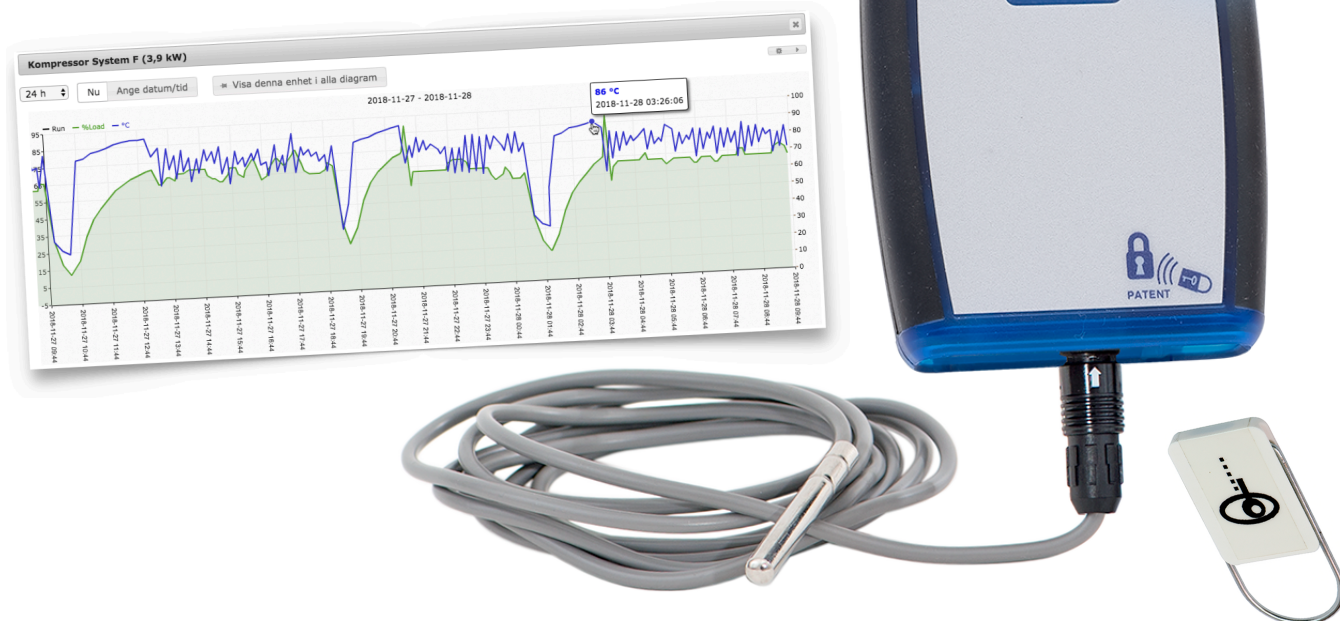TermoSense®

Compressor sensor

Comp3Tx

- Monitors compressor
- Records and analyzes operation data
- Early indication of impaired ability
- Warns of overload
- SMS alarm in case of faulty conditions
- Accessible via the Internet

Records and analyzes operating data and warns of overload. The sensor measures temperature, load and if necessary also power consumption. It is used, among other things, to monitor cooling compressors in refrigerators and freezers, which gives an early indication of deteriorated cooling capacity (even when the cabinet at the moment is able to maintain the correct temperature). Can also monitor air or AC compressors. Does not affect warranty or cooling service agreements. Manual recording can be done with a non-contact activation key.

Factory calibrated and sealed on delivery. Service and calibration for HACCP, according to SS-EN 13486 is available as optional services.

Technical specification

Measured value, temp: -30°C to +100°C
                         0,1°C resolution
                         0,2°C inaccuracy
                         Surpasses the HACCP standard SS-EN 12830.

Measured value, load: 0 - 100%. Switching ON and OFF is recorded
                         with seconds accuracy.

Design: With display for manual reading option on site.

Size: 79 × 117 × 24 mm

Weight: 140 grams

Protection: IP-66, waterproof

Operation: With patented non-contact activation key* for;
- Manual report.
- Identification of linked receiver.
- Off-identification to remove a device from the sytem
  and deactivate it.

Display: 3-digit luminous green LED, 15×35 mm, clearly visible even in the dark.

Indication: Blue LED indicates radio transmission of automatic or manual report.

Technology: Durable surface-mounted divice (SMD), microprocessor based.
Compatible with the industrial wireless control system RadioPLC®.
Data transfer: License-free low-power radio.
Undisturbed and error-controlled.

Battery: Integrated, with life expectancy 11-17 years, service with service
agreement as an option. Intelligent battery saving technology, the
battery is used only when significant changes occur.

Accessories: Magnetic mount, Art.nr: 918
Universal holder, Art.nr: 939
Temp. prob, Art.nr: 945
Armaflex tape, Art.nr: 901

* TermoSense® and RadioPLC® are registrered trademarks # 399593 and 380443.
The products are covered by seven patents; 0601964-0, 0602021-8, 0850069-6,
1150137-6, 1150138-4, 1230113-1 and 1230114-9.

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